

Appendix A. Proposed Conservation Measures

PROPOSED CONSERVATION MEASURES

Minimize riparian and bank disturbance to the extent possible. Construct temporary cofferdams to provide work platform in the river for dam removal and installation of intake screens and pumping facility to minimize disturbance of riparian areas, and to minimize bank erosion and potential turbidity associated with construction activities.

Revegetate the streambank in the disturbed construction area immediately following construction. Use native perennials and grasses for revegetation.

Revegetate all other disturbed areas above the streambank such as the staging areas, embankments and temporary access roads with native perennials and grasses.

Minimize alteration or disturbance of streambank and existing riparian vegetation.

Protect streambanks with stabilizing materials where bank work is necessary.

Treat all discharge water from cofferdams to reduce probability of suspended solids, concrete leachate, or other contaminants from dam removal activities from entering the river. One or more of the following techniques will be used: detention pond, vegetated swale, bio-filtrations bags, sediment fence or straw bales.

Maintain adult and juvenile fish passage conditions for the duration of construction activities. Minimize the effect of temporary velocity barriers created by lowering the reservoir behind Savage Rapids Dam by minimizing the time the reservoir is drawdown and the fish ladders are inoperable.

In-water work should be completed during the ODFW in-water work period (June 15 through August 31). The exception to this is moving the installation of cofferdams on the North side of the dam to April of 2008. Installation of cofferdam for the south side would be done in September of 2008. The goal of these exceptions to the in-water work period is to enable the construction schedule to be accelerated, eliminating 1 year from the schedule. It will also prevent adverse impacts to the fall chinook run.

The contractor will submit an Erosion and Sedimentation Control Plan (ESCP) in accordance with guidance from NOAA-Fisheries. This contractor-prepared plan will be specific to the construction techniques to be employed and will be submitted and approved by NOAA-Fisheries prior to commencement of work.

1. Erosion control measures will be in place at all times during construction.
Construction within the 25-year floodplain will not begin until all temporary

- erosion controls are in place. Erosion control structures will be maintained throughout the construction work period.
2. All erosion control structures will be inspected daily during construction to ensure that they are working adequately. Work crews will be mobilized to make immediate repairs to the erosion controls, or to install erosion controls during working and off-hours. Should a control measure not function effectively, the control measure will be repaired or replaced immediately. Additional controls will be installed as necessary, with the goal of minimizing turbidity and sedimentation.
 3. Other erosion control measures may be required depending on changes in anticipated stream flow conditions or failure of proposed measures.
 4. A pollution control plan (PCP) will be developed to prevent point-source pollution related to contractor operations. This plan will satisfy all pertinent requirements of Federal, State and local laws and regulations, and the requirements of these special provisions. All efforts will be made to establish erosion control measures sufficient to prevent the discharge of significant amounts of sediment to surface waters and ensure that turbidity does not exceed 10% above background conditions.

Heavy Equipment

1. Staging cleaning, maintenance, refueling and fuel storage will take place in a vehicle staging area placed 150 ft or more from any stream, water body or wetland.
2. All heavy equipment operation within 150 ft of any stream water body or wetland will be inspected daily for fluid leaks before leaving the vehicle staging area. Any leaks detected will be repaired in the vehicle staging area before the vehicle resumes operation. Inspections will be documented in a record that is available for review on request by the Corps or NOAA Fisheries.
3. All equipment operated instream will be cleaned before beginning operations below the bankfull elevation to remove all external oil, grease, dirt and mud.
4. All stationary power equipment such as cranes or generators that will be operated within 150 ft of any stream, waterbody or wetland will be diapered to prevent leaks, unless otherwise approved in writing by NOAA Fisheries.

Savage Rapids Dam Fish Salvage Plan

1. Reclamation's designated Contractor will implement the following fish capture and release procedures:
 - a) Capture and release. Before and intermittently during isolation of an in-water work area, fish trapped in the area must be captured using a trap, seine, electrofishing, or other methods as are prudent to minimize risk of injury, then released at a safe release site.
 1. Do not use electrofishing if water temperatures exceed 18°C, or are expected to rise above 18°C, unless no other method of capture is available.
 2. If electrofishing equipment is used to capture fish, comply with NMFS' electrofishing guidelines.¹
 3. Handle coho salmon with extreme care, keeping fish in water to the maximum extent possible during seining and transfer procedures to prevent the added stress of out-of-water handling.
 4. Ensure water quality conditions are adequate in buckets or tanks used to transport fish by providing circulation of clean, cold water, using aerators to provide dissolved oxygen, and minimizing holding times.
 5. Release fish into a safe release site as quickly as possible, and as near as possible to capture sites.
 6. Do not transfer coho salmon to anyone except NMFS personnel, unless otherwise approved in writing by NMFS. Requests for approval should be provided two months prior to implementation.
 7. Obtain all other Federal, state, and local permits necessary to conduct the capture and release activity.
 8. Allow NMFS or its designated representative to accompany the capture team during the capture and release activity, and to inspect the team's capture and release records and facilities.
 9. Submit a Salvage Report (Appendix E) to NMFS within 10 calendar days of completion of the salvage operation.
2. Reclamation's designated Contractor will complete a Salvage Reporting Form within 10 days of completing a capture and release.

¹ National Marine Fisheries Service Guidelines for Electrofishing Waters Containing Salmonids Listed Under the Endangered Species Act (June 2000) (<http://www.nwr.noaa.gov/1salmon/salmesa/4ddocs/final4d/electro2000.pdf>).

SALVAGE REPORTING FORM

INSTRUCTIONS

The applicant must submit a complete Salvage Reporting Form, or its equivalent, with the following information to National Marine Fisheries Service at: ken.phippen@noaa.gov within 10 days of completing a capture and release.

1. Date
2. Corp Action ID
3. Applicant
4. Location of fish salvage operation (County and 5th field HUC)
5. Project Name
6. Corps contact
7. Date of fish salvage operation
8. Supervisory Fish Biologist
 - Name
 - Address
 - Telephone number
9. Describe methods used to isolate the work area, remove fish, minimize adverse effects on fish and evaluate their effectiveness
10. Describe the stream conditions before and following placement and removal of barriers
11. Describe the number of fish handled, condition at release, number, injured, number killed by species

Appendix B. EA Distribution List

Federal Agencies

Bureau of Land Management	Attn: Jim Leffman 3040 Biddle Road Medford OR 97504-4180
Environmental Protection Agency	Attn: Jamie Haig, Environmental Coordinator 1200 6 th Avenue Seattle WA 98101
National Marine Fisheries Service	Attn: Ed Meyer, Sr. Hydraulic Engineer 525 NE Oregon, Suite 500 Portland OR 97232
NOAA Fisheries	Attn: Ken Phippen 2900 NW Stewart Parkway Roseburg OR 97470
National Park Service	909 1 st Avenue Seattle WA 98104
U.S. Army Corps of Engineers	Attn: Dominic Yballe 1600 Executive Parkway, Suite 210 Eugene OR 97401
U.S. Army Corps of Engineers	Attn: Mike Posovich PO Box 2946 Portland OR 97208-2946
U.S. Army Corps of Engineers	Attn: Jeremy Weber, Project Manager PO Box 2946 Portland OR 97208-2946
U.S. Fish and Wildlife Service	Attn: Craig Tuss, Field Supervisor Roseburg Field Office 2900 NW Stewart Pkwy Roseburg OR 97470
U.S. Fish and Wildlife Service	911 NE 11 th Avenue #1 Portland OR 97232
U.S. Fish and Wildlife Service	Attn: Larry Rasumussen PO Box 2946 Portland OR 97208

U.S. Fish and Wildlife Service Attn: Brad Fuss
PO Box 2946
Portland OR 97208

U.S. Forest Service Attn: Randy Frick
33 W. 8th Street
Medford OR 97501

U.S. Forest Service 200 NE Greenfield Road
Grants Pass OR 97526

State and Local Government Agencies

Oregon Department of Environmental Attn: Thomas Melville, Sr., Environmental Specialist
Quality Water Quality Division
811 SW 6th Avenue
Portland OR 97204-1390

Oregon Department of Environmental Attn: Christine Svetkovich, 401 Certification Specialist
Quality 811 SW 6th Avenue
Portland OR 97204-1390

Oregon Department of Fish and Attn: Jerry Budziak
Wildlife 1495 East Gregory Road
Central Point OR 97502

Oregon Department of Fish and Attn: Tom Satterthwaite
Wildlife 5375 Monument Drive
Grants Pass OR 97526

Oregon Department of Fish and Attn: Russ Stauff, District Fish Biologist
Wildlife 1495 E. Gregory Road
Central Point OR 97502

Oregon Department of Fish and Attn: Michael Lambert, Fish Passage Engineer
Wildlife 3406 Cherry Avenue NE
Salem OR 97303

Oregon Department of Fish and Attn: Rich Kilbane
Wildlife 1495 E. Gregory Road
Central Point OR 97502

Oregon Department of Fish and Wildlife	Attn: Suzanne Pollon 3406 Cherry Avenue NE Salem OR 97303
Oregon Department of Fish and Wildlife	Attn: Dan VanDyke 1495 E. Gregory Road Central Point OR 97502
Oregon Department of State Lands	Attn: Bob Lobdell 775 Summer Street Salem OR 97301
Oregon Department of Transportation	Attn: Kenneth Thompson 200 Antelope Road White City OR 97503
Oregon Parks and Recreation Department	1115 Commercial NE Salem OR 97310
Oregon Water Resources Department	Attn: Dave Jarrett, Western Region Manager 725 Summer St. NE, Suite A, Salem OR 97301-1271
Oregon Water Resources Department	Attn: Bruce Sund, Depute Regional Director 942 SW 6 th Street, Suite E Grants Pass OR 97526
Oregon Water Resources Department	101 NW "A" Street Grants Pass OR 97526
Oregon Watershed Enhancement Board	Southwest Oregon Regional Office Attn: Mark Grenbemer 221 Stewart Avenue, Suite 201 Medford OR 97501
Tribal Interests	
Confederated Tribes of the Grand Ronde Community of Oregon	Attn: Honorable Cheryle A. Kennedy, Chairperson 9615 Grand Ronde Road Grand Ronde OR 97347-0038
Siletz Tribal Council	Attn: Honorable Delores Pigsley, Chairman PO Box 549 Siletz OR 97380-0549

Local Entities

American Fisheries Society	PO Box 722 Oregon Chapter Corvallis OR 97339
American Rivers	4005 20 th Avenue West, Suite 221 Seattle WA 98199
American Rivers	320 SW Stark Street, Suite 418 Portland OR 97204
Ball Janik	Attn: Michelle Giguere 101 SW Main Street, Suite 1100 Portland OR 97204
Ball Janik	Attn: Dan James 101 SW Main Street, Suite 1100 Portland OR 97204
Berntson, Lynn and Della	113 Ash Drive Rogue River OR 975379624
Beyerlin, Steve	94575 Chandler Road Gold Beach OR 97444
Brandon, Paul	1124 Aspen Way Grants Pass OR 975275784
Brumitt, Clint	809 Daffney Lane Central Point OR 975023742
Central Oregon and Pacific Railroad	Attn: Mark Wohlers 333 S.E. Mosher Roseburg, OR 97470
CH2M Hill	Attn: Ron Fehring PO Box 1108 Boise ID 83712-7708
CH2M Hill	Attn: Mike Pappalardo, Geologist 2300 NW Walnut Blvd. Corvallis OR 97330
City of Grants Pass	Attn: Jason Canady, Plant Manager

	101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Tim Cummings 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Rich Fahey 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Len Holzinger 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Jeff Hyde 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Robert Keith 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Phil Pacquin 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Jack Patterson 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Brian Thompson 101 NW A Street Grants Pass OR 97526
City of Grants Pass	Attn: Kris Woodburn 101 NW A Street Grants Pass OR 97526
City of Medford	Mayor Gary Wheeler 1101 West Main Street Medford OR 97501

City of Rogue River	Mayor Dick Skevington PO Box 1137 Rogue River OR 97537
City of Rogue River	Attn: John Bond, Council President PO Box 1137 Rogue River OR 97537
City of Rogue River	Attn: Don Collins, Council Member PO Box 1137 Rogue River OR 97537
City of Rogue River	Attn: Dick Handbury, Council Member PO Box 1137 Rogue River OR 97537
City of Rogue River	Attn: George Jorgensen, Council Member PO Box 1137 Rogue River OR 97537
City of Rogue River	Attn: Jo Anne Mead, Council Member PO Box 1137 Rogue River OR 97537
City of Rogue River	Attn: Renee Peterson, Council Member PO Box 1137 Rogue River OR 97537
Copeland, Landye, Bennett, and Wolf LLP	Attn: Thane W. Tienson 3500 Wells Fargo Center Portland OR 97201
Dedrick, Dennis	837 Shafer Ln Medford OR 975014539
EarthJustice Legal Defense Fund	Attn: Michael Sherwood 426 17 th Oakland CA 94612
ECS Composites	Attn: Dennis Becklin, President 3560 Rogue River Highway Grants Pass OR 97527
Feirich, Ruth	1400 Redwood Cir 126 Grants Pass OR 975275524

Friesen, Phil
1300 Redwood Cir
Grants Pass OR 975275522

Grants Pass Daily Courier
Attn: Jeff Duewel
PO Box 1468
Grants Pass OR 97528

Grants Pass Irrigation District
Attn: David Howard, Secretary-Manager
200 Fruitdale Drive
Grants Pass OR 97527

Grants Pass Irrigation District
Attn: Judy Gove
2701 Lower River Road
Grants Pass OR 97526

Grants Pass Irrigation District
Attn: Julie Webster, Assistant Manager
200 Fruitdale Drive
Grants Pass OR 97527-8798

Grants Pass Irrigation District
Attn: Bert Doshier, Chairman
200 Fruitdale Drive
Grants Pass OR 97527

Grants Pass Irrigation District
Attn: Phil Kudlac, Board Member
200 Fruitdale Drive
Grants Pass OR 97527

Grants Pass Irrigation District
Attn: Nancy Tappan, Board Member
200 Fruitdale Drive
Grants Pass OR 97527

Grants Pass Irrigation District
Attn: James Ford, Board Member
200 Fruitdale Drive
Grants Pass OR 97527

Grants Pass Irrigation District
Attn: Tom Hart, Board Member
200 Fruitdale Drive
Grants Pass OR 97527

Grants Pass Irrigation District
Attn: Tom Hapgood, Maintenance Coordinator
200 Fruitdale Drive
Grants Pass OR 97527

John R. Hildahl
6671 Rogue River Highway
Grants Pass OR 97527

Josephine County
Attn: Dwight Ellis, Board of County Commissioners
500 NW 6th Street
Grants Pass OR 97526

Josephine County
Attn: Jim Raffenburg, Board of County Commissioners
500 NW 6th Street
Grants Pass OR 97526

Josephine County
Attn: Jim Riddle, Board of County Commissioners
500 NW 6th Street
Grants Pass OR 97526

Josephine County Building and Safety
Attn: Dave Bassett, Director
500 NW 6th Street
Grants Pass OR 97526

Josephine County Building and Safety
Attn: Fran Todor, Electrical Inspector
500 NW 6th Street
Grants Pass OR 97526

Josephine County Building and Safety
Attn: Robert Rice, Plans Examiner
500 NW 6th Street
Grants Pass OR 97526

Josephine County Community
Development Department
Attn: Dave Kellenbeck
500 NW Sixth St
Washington Annex
Grants Pass OR 97526

Josephine County Community
Development Department
Attn: Grace Silverberg, Planner
500 NW Sixth St
Washington Annex
Grants Pass OR 97526

Klamath Forest Alliance
Attn: Petey Brucker
PO Box 21
Orleans CA 95556

Lamp Jr., James
48 Mace Rd
Medford OR 97501-1261

Law, Arnold C.
3395 Midway Ave
Grants Pass OR 97527-7111

McElroy, Robert	195 Rogue Bv Grants Pass OR 97526-4242
McMurray, Thomas	1945 Dawn Drive Grants Pass OR 97527
Medford City Council	Attn: Jason Anderson, Council Member 110 West Main Street Medford OR 97501
Medford City Council	Attn: Jim Key, Council Member 110 West Main Street Medford OR 97501
Medford City Council	Attn: Skip Knight, Vice President 110 West Main Street Medford OR 97501
Medford City Council	Attn: James F. Kuntz, Council Member 110 West Main Street Medford OR 97501
Medford City Council	Attn: Claudette Moore, President 110 West Main Street Medford OR 97501
Medford City Council	Attn: John Statler, Council Member 110 West Main Street Medford OR 97501
Medford City Council	Attn: Greg Jones, Council Member 110 West Main Street Medford OR 97501
Medford City Council	Attn: Bob Strosser, Council Member 110 West Main Street Medford OR 97501
Medford Mail Tribune	Attn: Mark Freeman PO Box 1108 Medford OR 97501
Meeds, Homer D.	2510 Forest Creek Rd Jacksonville OR 97530-9108

Morrison's Rogue River Lodge	8500 Galice Rd Merlin OR 97532-8602
Nightingale, Jean	7811 Rogue River Hwy Grants Pass OR 97527-4361
Northcoast Environmental Center	Attn: Tim McKay 575 H Street Arcata CA 95521
Northwest Sportfishing Industries Association	Attn: Liz Hamilton PO Box 4 Oregon City OR 97045
Oregon Guides and Packers Association	Attn: Joe Rohleder PO Box 211 Waldport OR 97394
Oregon Natural Resources Council	5825 N Greeley Portland OR 97217-4145
Oregon Natural Resources Council	Attn: Regna Merritt 5825 N. Greeley Avenue Portland OR 97217
Pacific Coast Federation of Fishermen Association	Attn: Glen Spain PO Box 11170 Eugene OR 97440
Pacific Corps	Attn: Monte Mendenhall, Regional Community Manager 925 S. Grape Street Medford OR 97501
Pacific Corps	Attn: Tom Dunlap, Field Engineer/ 925 S. Grape Street Medford OR 97501
Pacific Corps	Attn: Jeff Keyser, Wire Manager 925 S. Grape Street Medford OR 97501
Pacific Corps	Attn: Bill Smithee, Wire Manager 925 S. Grape Street Medford OR 97501
Pearson, Jon	221 Joseph Dr Talent OR 97540-9767

Reedy, Gene	512 Short St Grants Pass OR 97527-5443
River Trips Unlimited	4140 Dry Creek Rd Medford OR 97504-9253
Rogue River Wilderness Inc.	325 Galice Rd Merlin OR 97532-8754
Sierra Club, Many Rivers Group	2540 Woodland Dr Eugene OR 97403-1866
Siskiyou Project	Attn: Don Smith 9335 Takilma Cave Junction OR 97523
Stevens, Charles	4080 Midway Ave Grants Pass OR 97527-7504
Trout Unlimited	Attn: Jeff Curtis 213 SW Ash Street, Suite 210 Portland OR 97204
Vogel, Don and Nancy	1875 Meadow Glen Grants Pass OR 97527-5676
Water Watch of Oregon	Attn: John Devoe 213 SW Ash Street, #208 Portland OR 97204
Water Watch of Oregon	Attn: Bob Hunter, Staff Attorney 27 North Ivy Medford, OR 97501
Weaver, Charles	7365 Rogue River Hwy Grants Pass OR 97527-4340
Webber, Bill	8058 Rogue River Highway Grants Pass OR 97527
West Yost and Associates	Attn: Wally McCullah 132 E. Broadway, Suite 431 Eugene OR 97401
Whisonant, Kathleen	1152 Grandview Ave Grants Pass OR 97527-5108

**Appendix C. ESA-related Correspondence with
the U.S. Fish and Wildlife Service and the
National Marine Fisheries Service**



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Oregon Fish and Wildlife Office
2600 SE 98th Avenue, Suite 100
Portland, Oregon 97266
Phone: (503) 231-6179 FAX: (503) 231-6195

Reply To: 8330.05881(05)
File Name: Sp0588.wpd
TS Number: 04-4178

OCT 26 2004

Susan Broderick
U.S. Bureau of Reclamation
P.O. Box 25007, D-8210
Denver, Colorado 80225-0007

Subject: Savage Rapids Pumping Facilities - Dam Removal Project
USFWS Reference # 1-7-04-SP-0588

Dear Ms. Broderick:

This is in response to your Species List Request Form, dated September 28, 2004, requesting information on listed and proposed endangered and threatened species that may be present within the area of the Savage Rapids Pumping Facilities - Dam Removal Project in Josephine and Jackson Counties. The Fish and Wildlife Service (Service) received your correspondence on September 28, 2004.

We have attached a list (Enclosure A) of threatened and endangered species that may occur within the area of the Savage Rapids Pumping Facilities - Dam Removal Project. The list fulfills the requirement of the Service under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). U.S. Bureau of Reclamation (BR) requirements under the Act are outlined in Enclosure B.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems on which they depend may be conserved. Under section 7(a)(1) and 7(a)(2) of the Act and pursuant to 50 CFR 402 *et seq.*, BR is required to utilize their authorities to carry out programs which further species conservation and to determine whether projects may affect threatened and endangered species, and/or critical habitat. A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) which are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA) (42 U.S.C. 4332 (2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to the Biological Assessment be prepared to determine whether they may affect listed and proposed species. Recommended contents of a Biological Assessment are described in Enclosure B, as well as 50 CFR 402.12.

If BR determines, based on the Biological Assessment or evaluation, that threatened and endangered species and/or critical habitat may be affected by the project, BR is required to consult with the Service following the requirements of 50 CFR 402 which implement the Act.

Enclosure A includes a list of candidate species under review for listing. The list reflects changes to the candidate species list published May 4, 2004, in the Federal Register (Vol. 69, No. 86, 24876) and the addition of "species of concern." Candidate species have no protection under the Act but are included for consideration as it is possible candidates could be listed prior to project completion. Species of concern are those taxa whose conservation status is of concern to the Service (many previously known as Category 2 candidates), but for which further information is still needed.

If a proposed project may affect only candidate species or species of concern, BR is not required to perform a Biological Assessment or evaluation or consult with the Service. However, the Service recommends addressing potential impacts to these species in order to prevent future conflicts. Therefore, if early evaluation of the project indicates that it is likely to adversely impact a candidate species or species of concern, BR may wish to request technical assistance from this office.

Your interest in endangered species is appreciated. The Service encourages BR to investigate opportunities for incorporating conservation of threatened and endangered species into project planning processes as a means of complying with the Act. If you have questions regarding your responsibilities under the Act, please contact Kevin Maurice or Corissa Larvik at (503) 231-6179. All correspondence should include the above referenced file number. For questions regarding salmon and steelhead trout, please contact NOAA Fisheries Service, 525 NE Oregon Street, Suite 500, Portland, Oregon 97232, (503) 230-5400.

Sincerely,



 Kemper M. McMaster
State Supervisor

Enclosures
1-7-04-SP-0588

cc electronic:
Nongame, Oregon Department of Fish and Wildlife, Salem, Oregon.

FEDERALLY LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES,
CANDIDATE SPECIES AND SPECIES OF CONCERN THAT MAY OCCUR WITHIN THE
AREA OF THE SAVAGE RAPIDS PUMPING FACILITIES - DAM REMOVAL PROJECT

1-7-04-SP-0588

LISTED SPECIES^{1/}BirdsBald eagle^{3/}*Haliaeetus leucocephalus*

T

Northern spotted owl^{4/}*Strix occidentalis caurina*

CH T

FishCoho salmon (Southern Oregon Coast)^{5/}*Oncorhynchus kisutch*

**T

PlantsGentner mission-bells^{6/}*Fritillaria gentneri*

E

Cook's lomatium^{7/}*Lomatium cookii*

E

PROPOSED SPECIES

None

CANDIDATE SPECIESMammalsPacific fisher^{8/}*Martes pennanti pacifica*BirdsStreaked horned lark^{9/}*Eremophila alpestris strigata*SPECIES OF CONCERNMammals

Pallid bat

Antrozous pallidus pacificus

White-footed vole

Arborimus albipes

Red tree vole

Arborimus longicaudus

Pacific western big-eared bat

Corynorhinus townsendii townsendii

Silver-haired bat

Lasionycteris noctivagans

Long-eared myotis (bat)

Myotis evotis

Fringed myotis (bat)

Myotis thysanodes

Long-legged myotis (bat)

Myotis volans

Yuma myotis (bat)

*Myotis yumanensis*Birds

Northern goshawk

Accipiter gentilis

Band-tailed pigeon

Columba fasciata

Olive-sided flycatcher

Contopus cooperi borealis

Yellow-breasted chat

Icteria virens

Acorn woodpecker

Melanerpes formicivorus

Lewis's woodpecker

Melanerpes lewis

Mountain quail

Oreortyx pictus

White-headed woodpecker

Picoides albolarvatus

Oregon vesper sparrow
Purple martin

Pooecetes gramineus affinis
Progne subis

Amphibians and Reptiles

Tailed frog
Northwestern pond turtle
Common kingsnake
California mountain kingsnake
Del Norte salamander
Northern red-legged frog
Foothill yellow-legged frog

Ascaphus truei
Emys marmorata marmorata
Lampropeltis getula
Lampropeltis zonata
Plethodon elongatus
Rana aurora aurora
Rana boylei

Fish

Pacific lamprey
Coastal cutthroat trout (S. OR/CA Coasts)

Lampetra tridentata
Oncorhynchus clarki clarki

Invertebrates

Siskiyou gazelle beetle
Obrien rhyacophilan caddisfly

Nebria gebleri siskiyouensis
Rhyacophila colonus

Plants

Wayside aster
Howell's camassia
Clustered lady's-slipper
Shaggy horkelia
White meconella
Red-root yampah
Coral seeded allocarpa

Aster vialis
Camassia howellii
Cypripedium fasciculatum
Horkelia congesta ssp. congesta
Meconella oregana
Perideridia erythrorhiza
Plagiobothrys figuratus var. coralllicarpus

(E) - Listed Endangered

(T) - Listed Threatened

(CH) - Critical Habitat has been designated for this species

(PE) - Proposed Endangered

(PT) - Proposed Threatened

(PCH) - Critical Habitat has been proposed for this species

(S) - Suspected

(D) - Documented

Species of Concern - Taxa whose conservation status is of concern to the Service (many previously known as Category 2 candidates), but for which further information is still needed.

** Consultation with National Marine Fisheries Service may be required.

^{1/} U. S. Department of Interior, Fish and Wildlife Service, October 31, 2000, Endangered and Threatened Wildlife and Plants, 50 CFR 17.11 and 17.12

^{2/} Federal Register Vol. 60, No. 133, July 12, 1995 - Final Rule - Bald Eagle

^{3/} Federal Register Vol. 57, No. 10, January 15, 1992, Final Rule-Critical Habitat for the Northern Spotted Owl

^{4/} Federal Register Vol. 62, No. 87, May 6, 1997, Final Rule-Coho salmon

^{5/} Federal Register Vol. 64, No. 237, December 10, 1999, Final Rule -Fritillaria gentneri

^{6/} Federal Register Vol. 67, No.216, November 7, 2002, Final Rule - Lomatium cookii

^{7/} Federal Register Vol. 69, No.68, April 8, 2004, 12-Month Finding for a Petition to List the West Coast Distinct Population Segment of the Fisher

^{8/} Federal Register Vol. 69, No. 86, May 4, 2004, Notice of Review - Candidate or Proposed Animals and Plants

FEDERAL AGENCIES RESPONSIBILITIES UNDER SECTION 7(a) and (c)
OF THE ENDANGERED SPECIES ACT

SECTION 7(a)-Consultation/Conference

Requires:

- 1) Federal agencies to utilize their authorities to carry out programs to conserve endangered and threatened species;
- 2) Consultation with FWS when a Federal action may affect a listed endangered or threatened species to insure that any action authorized, funded or carried out by a Federal agency is not likely to jeopardize the continued existence of listed species or result in the destruction or adverse modification of Critical Habitat. The process is initiated by the Federal agency after they have determined if their action may affect (adversely or beneficially) a listed species; and
- 3) Conference with FWS when a Federal action is likely to jeopardize the continued existence of a proposed species or result in destruction or adverse modification of proposed Critical Habitat.

SECTION 7(c)-Biological Assessment for Major Construction Projects¹

Requires Federal agencies or their designees to prepare a Biological Assessment (BA) for construction projects only. The purpose of the BA is to identify proposed and/or listed species which are/is likely to be affected by a construction project. The process is initiated by a Federal agency in requesting a list of proposed and listed threatened and endangered species (list attached). The BA should be completed within 180 days after its initiation (or within such a time period as is mutually agreeable). If the BA is not initiated within 90 days of receipt of the species list, the accuracy of the species list should be informally verified with our Service. No irreversible commitment of resources is to be made during the BA process which would foreclose reasonable and prudent alternatives to protect endangered species. Planning, design, and administrative actions may be taken; however, no construction may begin.

To complete the BA, your agency or its designee should: (1) conduct an on-site inspection of the area to be affected by the proposal which may include a detailed survey of the area to determine if the species is present and whether suitable habitat exists for either expanding the existing population or for potential reintroduction of the species; (2) review literature and scientific data to determine species distribution, habitat needs, and other biological requirements; (3) interview experts including those within FWS, National Marine Fisheries Service, State conservation departments, universities, and others who may have data not yet published in scientific literature; (4) review and analyze the effects of the proposal on the species in terms of individuals and populations, including consideration of cumulative effects of the proposal on the species and its habitat; (5) analyze alternative actions that may provide conservation measures and (6) prepare a report documenting the results, including a discussion of study methods used, any problems encountered, and other relevant information. The BA should conclude whether or not a listed species will be affected. Upon completion, the report should be forwarded to our Portland Office.

¹A construction project (or other undertaking having similar physical impacts) which is a major Federal action significantly affecting the quality of the human environment as referred to in NEPA (42 U.S.C. 4332. (2)c). On projects other than construction, it is suggested that a biological evaluation similar to the biological assessment be undertaken to conserve species influenced by the Endangered Species Act.



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
525 NE Oregon Street
PORTLAND, OREGON 97232-2737

Reply to:
OHB2004-0206

October 21, 2004

Susan Broderick
Bureau of Reclamation
P.O. Box 25007
Denver, Colorado 80225-0007

Re: Species List Request for the Savage Rapids Pumping Facilities/Dam Removal Project,
Josephine County, Rogue River Basin, Oregon

Dear Ms. Broderick:

This responds to your September 20, 2004, letter requesting a list of threatened and endangered species for the area affected by the Savage Rapids Pumping Facilities and Dam Removal Project on the Rogue River in Josephine County, Oregon. This inventory includes only species under NOAA's National Marine Fisheries Service's (NOAA Fisheries) jurisdiction that occur in the Pacific Northwest. The U.S. Fish and Wildlife Service should be contacted regarding the presence of species falling under its jurisdiction.

One listed anadromous fish species is known to be present in the proposed action area. NOAA Fisheries listed Southern Oregon/Northern California (SONC) coho salmon (*Oncorhynchus kisutch*) as threatened under the Endangered Species Act (ESA) on May 6, 1997 (62 FR 24588) and critical habitat was designated on May 5, 1999 (64 FR 24049). Interim protective regulations for SONC coho salmon were issued under section 4(d) of the ESA on July 18, 1997 (62 FR 38479). The Rogue River in the action area is identified as a migration corridor and critical habitat for SONC coho salmon.

Because this species is present in the project area, any Federal permitting or funding agency involved in this project will need to initiate the consultation process with NOAA Fisheries as per 50 C.F.R. Part 402.10. Please refer to the ESA section 7 implementing regulations (50 C.F.R. Part 402) for information on the consultation and conference process.

The project area is also designated under the Magnuson-Stevens Fishery Conservation and Management Act (MSA) (PL 104-297), as essential fish habitat (EFH) for coho salmon and Chinook salmon. Spring Chinook salmon use the area as a migration corridor and fall Chinook salmon use the area for spawning and rearing. Federal consultation requirements exist for these species under the MSA, pursuant to section 305 (b) and (16 U.S.C. 1855 (b)), which requires



development of conservation recommendations for proposed activities that may adversely affect designated EFH.

This letter constitutes the required notification of the presence of a Federally-listed, threatened or endangered species or critical habitat under NOAA Fisheries' jurisdiction in the permit area that may be affected by the proposed project.

Questions regarding this letter should be directed to Tom Halferty of my staff in the Southwest Oregon Habitat Branch of the Oregon State Habitat Office at 541.957.3378.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael P. Tehan". The signature is written in a cursive style with a large initial "M".

Michael P. Tehan
Director, Oregon State Habitat Office
Habitat Conservation Division